

## Refine Search

### Search Results -

Terms	Documents
soybean and 0509235	0

Database: 
 US Pre-Grant Publication Full-Text Database  
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### Search History

DATE: Wednesday, March 16, 2005   [Printable Copy](#)   [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L6</u>	soybean and 0509235	0	<u>L6</u>
<u>L5</u>	L4 and (hilum adj5 brown)	2	<u>L5</u>
<u>L4</u>	L3 and (coat adj5 yellow)	16	<u>L4</u>
<u>L3</u>	L2 and (maturity adj3 0)	16	<u>L3</u>
<u>L2</u>	L1 and soybean	28	<u>L2</u>
<u>L1</u>	schultze-dennis-S.in.	28	<u>L1</u>

END OF SEARCH HISTORY

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FILE 'HOME' ENTERED AT 11:22:44 ON 16 MAR 2005

=> file agricola biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'AGRICOLA' ENTERED AT 11:22:59 ON 16 MAR 2005

FILE 'BIOSIS' ENTERED AT 11:22:59 ON 16 MAR 2005

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=> s schultze d? /au

L1 64 SCHULTZE D?

=> s l1 and soybean

L2 12 L1 AND SOYBEAN

=> s l2 and 0509235

L3 0 L2 AND 0509235

=> s l2 and purple

L4 0 L2 AND PURPLE

=> s l2 and white

L5 0 L2 AND WHITE

=> d l2 1-12 ibib

L2 ANSWER 1 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2005:21554 BIOSIS

DOCUMENT NUMBER: PREV200500024757

TITLE: Soybean cultivar 19704230.

AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]

CORPORATE SOURCE: ASSIGNEE: Mertec LLC

PATENT INFORMATION: US 6828486 December 07, 2004

SOURCE: Official Gazette of the United States Patent and Trademark

Office Patents, (Dec 7 2004) Vol. 1289, No. 1.

<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent

LANGUAGE: English

ENTRY DATE: Entered STN: 29 Dec 2004

Last Updated on STN: 29 Dec 2004

L2 ANSWER 2 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2005:21553 BIOSIS

DOCUMENT NUMBER: PREV200500024755

TITLE: Soybean cultivar 0332132.

AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]

CORPORATE SOURCE: ASSIGNEE: Mertec LLC

PATENT INFORMATION: US 6828484 December 07, 2004

SOURCE: Official Gazette of the United States Patent and Trademark

Office Patents, (Dec 7 2004) Vol. 1289, No. 1.

<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 3 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21552 BIOSIS  
DOCUMENT NUMBER: PREV200500024753  
TITLE: **Soybean** cultivar S010356.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6828482 December 07, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 4 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21469 BIOSIS  
DOCUMENT NUMBER: PREV200500024758  
TITLE: **Soybean** cultivar 19705120.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6828488 December 07, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 5 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21468 BIOSIS  
DOCUMENT NUMBER: PREV200500024756  
TITLE: **Soybean** cultivar S010336.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6828485 December 07, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 6 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21467 BIOSIS  
DOCUMENT NUMBER: PREV200500024754  
TITLE: **Soybean** cultivar S010351.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6828483 December 07, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 7 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21466 BIOSIS  
DOCUMENT NUMBER: PREV200500024752  
TITLE: **Soybean** cultivar S010346.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6828481 December 07, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 8 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21215 BIOSIS  
DOCUMENT NUMBER: PREV200500024393  
TITLE: **Soybean** cultivar 0332119.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6825403 November 30, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Nov 30 2004) Vol. 1288, No. 5.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 9 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
ACCESSION NUMBER: 2005:21120 BIOSIS  
DOCUMENT NUMBER: PREV200500024392  
TITLE: **Soybean** cultivar 0332123.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6825402 November 30, 2004  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Nov 30 2004) Vol. 1288, No. 5.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 29 Dec 2004  
Last Updated on STN: 29 Dec 2004

L2 ANSWER 10 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN  
ACCESSION NUMBER: 2003:366066 BIOSIS  
DOCUMENT NUMBER: PREV200300366066  
TITLE: **Soybean** cultivar B3491.  
AUTHOR(S): **Schultze, Dennis L.** [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6590144 July 08, 2003  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (July 8 2003) Vol. 1272, No. 2.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 6 Aug 2003  
Last Updated on STN: 6 Aug 2003

L2 ANSWER 11 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN

ACCESSION NUMBER: 2003:354773 BIOSIS  
DOCUMENT NUMBER: PREV200300354773  
TITLE: Soybean cultivar B0591.  
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]  
CORPORATE SOURCE: ASSIGNEE: Mertec LLC  
PATENT INFORMATION: US 6586660 July 01, 2003  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (July 1 2003) Vol. 1272, No. 1.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 30 Jul 2003  
Last Updated on STN: 30 Jul 2003

L2 ANSWER 12 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN

ACCESSION NUMBER: 2003:302240 BIOSIS  
DOCUMENT NUMBER: PREV200300302240  
TITLE: Soybean cultivar B0592.  
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]  
CORPORATE SOURCE: Olivia, MN, USA  
ASSIGNEE: Mertec LLC, West Point, IA, USA  
PATENT INFORMATION: US 6570073 May 27, 2003  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (May 27 2003) Vol. 1270, No. 4.  
<http://www.uspto.gov/web/menu/patdata.html>. e-file.  
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 25 Jun 2003  
Last Updated on STN: 25 Jun 2003

FILE 'HOME' ENTERED AT 11:26:04 ON 16 MAR 2005

=> file agricola biosis  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'AGRICOLA' ENTERED AT 11:26:15 ON 16 MAR 2005

FILE 'BIOSIS' ENTERED AT 11:26:15 ON 16 MAR 2005  
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=> s soybean and (cotyledon(w)yellow)  
L1 0 SOYBEAN AND (COTYLEDON(W) YELLOW)

=> s soybean and (yellow(W)cotyledon)  
L2 4 SOYBEAN AND (YELLOW(W) COTYLEDON)

=> s l2 and (tawny(w)pubescence)  
L3 0 L2 AND (TAWNY(W) PUBESCENCE)

=> s soybean and dull and yellow and luster and roundup  
L4 0 SOYBEAN AND DULL AND YELLOW AND LUSTER AND ROUNDUP

=> s soybean and dull and yellow and luster  
L5 0 SOYBEAN AND DULL AND YELLOW AND LUSTER

=> s soybean and dull and yellow  
L6 0 SOYBEAN AND DULL AND YELLOW

=> s soybean and yellow  
L7 1031 SOYBEAN AND YELLOW

=> s l7 and white  
L8 98 L7 AND WHITE

=> s l8 and brown  
L9 19 L8 AND BROWN

=> s l9 and tawny  
L10 2 L9 AND TAWNY

=> d l10 1-2 ibib

L10 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National  
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ACCESSION NUMBER: 94:14369 AGRICOLA

DOCUMENT NUMBER: IND20372109

TITLE: Inheritance of red-buff seed coat in **soybean**

AUTHOR(S): Seo, Y.W.; Specht, J.E.; Graef, G.L.; Graybosch, R.A.

AVAILABILITY: DNAL (64.8 C883)

SOURCE: Crop science, July/Aug 1993. Vol. 33, No. 4. p.  
754-758

Publisher: Madison, Wis. : Crop Science Society of  
America, 1961-

CODEN: CRPSAY; ISSN: 0011-183X

NOTE: Includes references

PUB. COUNTRY: United States; Wisconsin

DOCUMENT TYPE: Article

FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension

LANGUAGE: English

L10 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 ACCESSION NUMBER: 1993:428143 BIOSIS  
 DOCUMENT NUMBER: PREV199396082768  
 TITLE: Inheritance of red-buff seed coat in **soybean**.  
 AUTHOR(S): Seo, Y. W.; Specht, J. E. [Reprint author]; Graef, G. L.;  
 Graybosch, R. A.  
 CORPORATE SOURCE: Dep. Agron., Univ. Nebraska, Lincoln, NE 68583-0915, USA  
 SOURCE: Crop Science, (1993) Vol. 33, No. 4, pp. 754-758.  
 CODEN: CRPSAY. ISSN: 0011-183X.  
 DOCUMENT TYPE: Article  
 LANGUAGE: English  
 ENTRY DATE: Entered STN: 22 Sep 1993  
 Last Updated on STN: 23 Sep 1993

=> d 110 2 ab

L10 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AB In **soybean** (*Glycine max* (L.) Merr.), five loci ((I/i-k/i-i/i,  
 R/r-m/r, T/t, W1/w1, O/o) interact to produce seed coat and/or hilum color  
 phenotypes of gray (G), **yellow** (Y), black (B1), imperfect black  
 (Ib), **brown** (Br), striped **brown-black**, red-  
**brown** (Rbr), or buff (Bf). The T/t and W1/w1 loci also condition  
**tawny**/gray pubescence and purple/**white** flowers,  
 respectively. T236, a **white**-flowered gray-pubescence accession  
 in the **soybean** genetic collection, has a unusual red-buff (Rbf)  
 seed coat. The genetic relationship of Rbf to the other seed coat colors  
 was not known. To evaluate this relationship, T236 was mated to six  
**soybean** lines of known genotype relative to the five loci. F-2  
 individuals were classified as to flower, pubescence, seed coat, and hilum  
 color. In all crosses, only F-2 plants with white flowers, gray  
 pubescence, and an R- genotype produced Rbf seed coats or hila. The F-2  
 segregation ratios were not compatible with an inheritance model for Rbf  
 that invoked allelic segregation at a sixth locus. Indeed, Rbf seed coat  
 seemed to be conditioned by a new allele at the T/t locus, symbolized as  
 t-r. While there was no perceptible difference in the gray pubescence  
 phenotypes conditioned by the t and t-r alleles, the t-r allele was  
 detectable in an R-w/w1 genetic background, where the allelic series  
 T/t-r/t produced the seed coat color phenotypes of B1/Rbf/Bf (in  
 left-to-right dominance-recessiveness order). In all other backgrounds  
 (i.e., R-W1-, rrW1-, and rrwlw1), the seed coat colors produced by t and  
 t-r were identical. The currently accepted model for the inheritance of  
 anthocyanidin pigments in the **soybean** seed coat is that: (i) R  
 necessary for anthocyanidin production, (ii) T is needed for  
 dihydroxylation of the B-ring, (iii) W1 is needed for trihydroxylation of  
 the B-ring. Our postulation that the Rbf seed coat phenotype requires an  
 R-t-r-w1w1 genotype is consistent with this theory. It is also consistent  
 with the report that pelargonidin, a monohydroxylated B-ring  
 anthocyanidin, is the predominant pigment in the Rbf seed coats of strain  
 T236.

=>